

**PATENT**  
Attorney Docket No. 100082DIV3  
LVM Reference No. 227726

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Prasad

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: March 3, 2004

For: **MICROPOROUS POLISHING PADS**

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

**within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

- after** (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes *one* of:
  - the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
  - or*
    - the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
- after** the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and **within** thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).

NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.

### Copies of the References

- Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
- This patent application was filed after June 30, 2003. Accordingly, copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith (see Official Gazette Notice of August 5, 2003). Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
- Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
- A copy of the foreign search report is enclosed herewith.
- The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were

furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status ( <i>check one</i> )		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1. 10/281,782	October 28, 2002		X	
2.				
3.				

**Statement under 37 CFR 1.97(e)**

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
- The **undersigned** hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

**Statement under 37 CFR 1.704(d)**

- The **undersigned** hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

**Fees**

- No fee** is owed by the applicant(s).
- The **IDS Fee of \$180** under 37 CFR 1.17(p) is enclosed herewith.

**Method of Payment of Fees**

Attached is a check in the amount of \$ .  
 Charge Deposit Account No. 12-1216 in the amount of \$ . (A duplicate copy of this communication is enclosed for that purpose.)

**Authorization to Charge Additional Fees**

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

**Instructions as to Overpayment**

Credit Account No. 12-1216.  
 Refund



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Date: March 3, 2004

Please type a plus sign (+) inside this box →

Substitute for form 1449A/B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Unknown
				Filing Date	March 3, 2004
				First Named Inventor	Abaneshwar PRASAD
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket Number	100082DIV3
				LVM Reference Number	227726

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
	AA	4,138,228		Hartfelt et al.	February 6, 1979	
	AB	4,239,567		Winings	December 16, 1980	
	AC	4,954,141		Takiyama et al.	September 4, 1990	
	AD	5,182,307	A	Kumar	January 26, 1993	
	AE	5,489,233	A	Cook et al.	February 6, 1996	
	AF	5,506,760	A	Roberts	February 25, 1997	
	AG	5,628,862	A	Yu et al.	May 13, 1997	
	AH	5,684,055	A	Kumar et al.	November 4, 1997	
	AI	5,893,796	A	Birang et al.	April 13, 1999	
	AJ	5,964,643	A	Birang et al.	October 12, 1999	
	AK	6,022,268	A	Roberts et al.	February 8, 2000	
	AL	6,045,439	A	Birang et al.	April 4, 2000	
	AM	6,062,968	A	Sevilla et al.	May 16, 2000	
	AN	6,089,965	A	Otawa et al.	July 18, 2000	
	AO	6,120,353	A	Suzuki et al.	September 19, 2000	
	AP	6,146,242	A	Treur et al.	November 14, 2000	
	AQ	6,169,122	B1	Bizard et al.	January 2, 2001	
	AR	6,171,181	B1	Roberts et al.	January 9, 2001	
	AS	6,231,942	B1	Blizard et al.	May 15, 2001	
	AT	6,235,380	B1	Tupil et al.	May 22, 2001	
	AU	6,245,406	B1	Kuramochi et al.	June 12, 2001	
	AV	6,284,810	B1	Burnham et al.	September 4, 2001	
	AW	6,328,644	B1	Kuramochi et al.	December 11, 2001	
	AX	2002/0010232	A1	Ogawa et al.	January 24, 2002	
	AY	2002/0016146	A1	Kuramochi et al.	February 7, 2002	
	AZ	6,358,130	B1	Freeman et al.	March 19, 2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation
		Office	Application or Patent Number	Kind Code			Yes No**
	BA	EP	1 046 466	A2	Freudenberg Nonwovens Limited Partnership	October 25, 2000	
	BB	EP	1 108 500	A1	Toray Industries, Inc.	June 20, 2001	

Examiner Signature		Date Considered	
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\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus sign (+) inside this box →

Substitute for form 1449A/B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Unknown
				Filing Date	March 3, 2004
				First Named Inventor	Abaneshwar PRASAD
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	100082DIV3
				LVM Reference Number	227726

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
	B C	6,017,265		Cook et al.	Jan. 25, 2000	
	B D	6,290,883		Crevasse et al.	Sep. 18, 2001	
	B E	2001/0033040	A1	Cardona et al.	Oct. 25, 2001	
	B F	2001/0018121	A1	Okamoto et al.	Aug. 30, 2001	
	B G	6,368,200	B1	Merchant et al.	Apr. 9, 2002	

<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No <sup>**</sup>
	B H	WO	00/26005	A1	Pierick et al.	May 11, 2000		
	B I	WO	98/28108	A1	Unique Technology International Private Limited	July 2, 1998		
	B J	WO	00/59702	A1	Trexel, Inc.	Oct. 12, 2000		
	B K	WO	01/15863	A1	LAM Research Corporation	Mar. 8, 2001		
	B L	WO	01/15885	A1	Trexel, Inc.	Mar. 8, 2001		
	B M	WO	01/36521	A2	Trexel, Inc.	May 25, 2001		
	B N	WO	01/68322	A1	Rodel Holdings, Inc.	Sep. 20, 2001		
	B O	WO	01/94074	A1	Speedfam-IPEC Corporation	Dec. 13, 2001		
	B P	WO	02/02274	A2	Rodel Holdings, Inc.	Jan. 10, 2002		
	B Q	WO	02/09907	A1	Silicon Valley Group, Inc.	Feb. 7, 2002		
	B R	EP	0 239 040	A1	Rodel, Inc.	Sep. 20, 1987		
	B S	WO	98/47662	A1	Cabot Corp.	Oct. 29, 1998		
	B T	WO	02/30617	A1	Cabot Microelectronics Corp.	Apr. 18, 2002		

<b>OTHER - NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.			Translation

Examiner Signature		Date Considered	
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\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).